KUDRYAShou, S.A.

Subject : USSR/Electricity

AID P - 1968

Card 1/1 Pub. 29 - 17/25

Author Kudryashov, S. A., Eng. Service of the servic

Title Standardized chamber with main switches of the "GIPROShAKhT".

Periodical: Energetik, 4, 30, Ap 1955

Abstract The author points out a contradiction which exists between the government-approved Rules for the

Execution of Electric Installations and the standard-1zed designs of 6-10-kv substations with load switches worked out by the GIPROShAKhT (State Institute for the Planning of Mining Developments in the Coal Industry). This variance should be corrected in the designs. Two

Institution: None

Submitted: No date

KUDRYAShou, S.A.

Sub.lect : USSR/Electricity AID P - 2073

Pub. 26 - 15/29 Card 1/1

Author

Kudryashov, S. A., Eng. Title

Reducing the cost of substations and modernization of their construction. (Discussion of an article by

A. B. Krikunchik, this journal, 1954, No.2)

Periodical: Elek. sta., 4, 45-46, Ap 1955

Abstract : The author criticizes this article, maintaining that the questions raised should be more precise and detailed. He

makes some suggestions on possible improvements in the design of the substations' equipment and on having more

central dispatcher offices.

Institution: None

Submitted : No date

KUDRYASHOV, S.A.

AID P - 2541

Subject

: USSR/Electricity

Card 1/2

Pub. 26 - 25/32

Authors

Chernyshevich, V. I., S. A. Kudryashov, E. A. Bugrinov, R. R. Mamoshin, K. A. Orlov, V. M. Yelremov, Engs.

Title

On G. M. Kayalov's article "6-10 kv switch gear and

control equipment in 2-story substations" (Letters

from readers)

Periodical

Elek sta, 6, 54-56, Je 1955

Abstract

G. M. Kayalov in his article (No. 10, 1954, this

journal) suggested the erection of 2-story substations for 6-10 kv switchgear instead of the standard 3-story buildings erected for industrial and regional substations. His suggestions are considered favorably

by several engineers. However, some recommendations on the distribution of the equipment and on the layout

of the 2-story substations are made. One diagram.

Elek sta, 6, 54-56, Je 1955

Card 2/2 Pub. 26 - 25/32

Institution: None

Submitted : No date

AID P 2541

AID P - 3094

KUDRYASHOV, S.A.

Subject

: USSR/Electricity

Card 1/1

Pub. 29 - 28/29

Authors

: Editors

Title

: Concerning the article by S. A. Kudryashov "Standardized chamber with main switches of the Giproshacht", in this journal, No. 4,

Periodical

: Energetik, 7, 40, J1 1955

Abstract

: The editors explain that the remarks of S. A. Kudryashov in his article concerned the old project which has been cancelled. A new project was issued for standardized substations, bearing the

number N-HP-217-53.

Institution:

None

Submitted

: No date

AID P - 2915

Sub.ject

CONTRACTOR OF THE PROPERTY OF

: USSR/Electricity

Card 1/2

Pub. 26 - 12/32

Authors

: Motovilov, V. V., Kand. Tech. Sci., Kuybyshev Industrial Institute im. Kuybyshev; B. S. Uspenskiy, Kand. Tech. Sci, Moscow Power Institute im. Molotov; M. Yu. Rozenfayn, Eng., Ukrainian State Institute for Planning of Mining; V. I. Chernyshevich, Eng., Dnepr Power System; S. A. Kudryashov, Eng., Kuybyshev "Elertroproyekt"; L. Ys. Rozenshteyn, Eng., "Promenergoproyekt"; and L. L. Perel'man, Eng., Kiev Construction in the Case Industry

Title

: Discussions; On the arrangement of electrical equipment in the main building of small and medium-size electric power plants

Periodical

: Elek.sta., 7, 40-44, J1 1955

Abstract

The layout and arrangement of equipment at power plants are discussed in a series of articles by the authors listed above. The question of an efficient distribution with possible savings in material of electrical equipment

AID P - 2915

Elek. sta., 7, 40-44, J1 1955

Card 2/2 Pub. 26 - 12/32

is considered in detail. A reduction in the powerhouse volume is recommended. However, more research should be done before a standard design for layouts can be accepted. The problem of changing solenoid mechanisms over to springs needs more study. Three diagrams.

Institution: None

Submitted : No date

Subject

, REFERENCE A TRANSPORT A

: USSR/Electricity

Card 1/2

Pub. 27 - 20/32

Author

: Kudryashov, S. A., Kuybyshev

Title

: Complete assembled substations of most wide use

(Article by A. A. Yermilov, this journal, No. 6, 1954;

AID P - 3453

discussion)

Periodical

: Elektrichestvo, 10, 69-70, 0 1955

Abstract

: The author is of the opinion that the limiting values of short-circuit capacity as presented in table 1

by A. A. Yermilov are too high. He suggests a different

list. He also criticizes the automation scheme as impossible to be built for mass use. The problem of automation for such pre-assembled substations still requires further study. The author goes into several technical details of the suggested solutions. Two

diagrams.

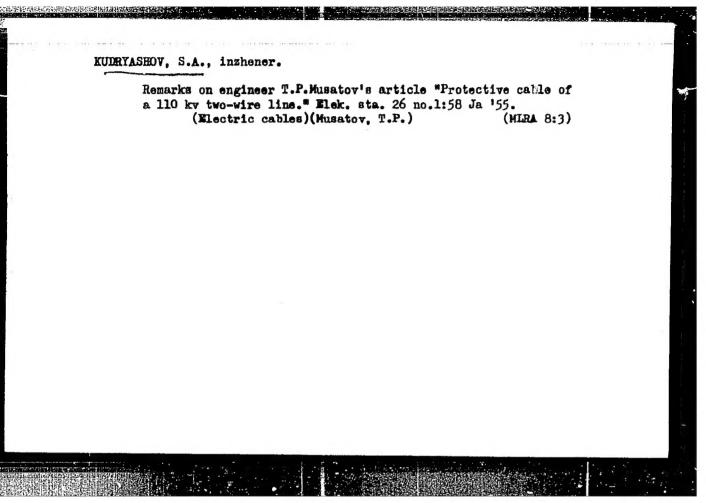
AID P - 3453

Elektrichestvo, 10, 69-70, 0 1955

Card 2/2 Pub. 27 - 20/32

Institution : None

Submitted : No date



GOL'DENTEYN, G.M., inzhener (Kuybyshev); SIN'KOV, V.M., kandidat tekhnicheskikh nauk (Kuybyshev)KUDRYASHOV, S.A., inzhener; ROZENSHTEYN, L.Ya., inzhener.

Reducing the cost and industrialized construction of substation equipment. Elek.sta, 26 no.4:43-46 Ap '55. (MURA 8:6)

1. Tyazhpromenergoproyekt (for Kudryashov)2. Promenergoproyekt (for Rozenshteyn)

(Electric substations)

XUDRYASHOV, S.A., inzhener; GLUSHKO, V.V., inzhener; PAVLOV, N.B., kandidat

tekhnicheskikh neuk; MAYFEL'D, M.R., inzhener.

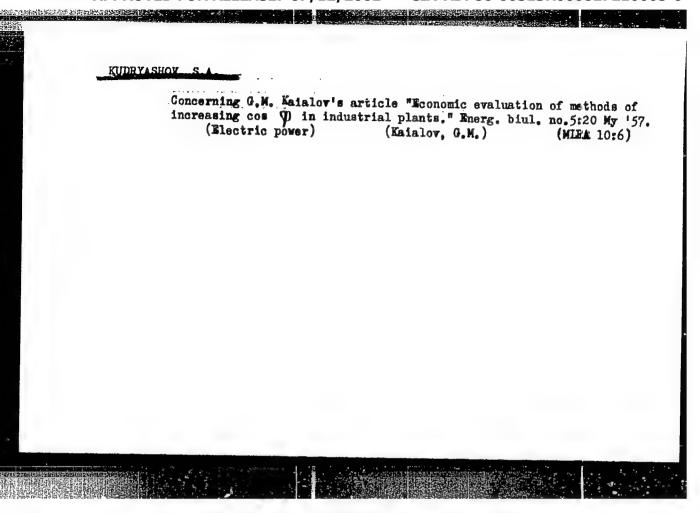
Cemments en M.R.Naifel'd's article "Greunding pertable installations
and machinery." Energetik 4 no.9:3-7 S '56. (MLEA 9:10)
(Electric engineering-Safety measures)(Electric currents-Greunding)

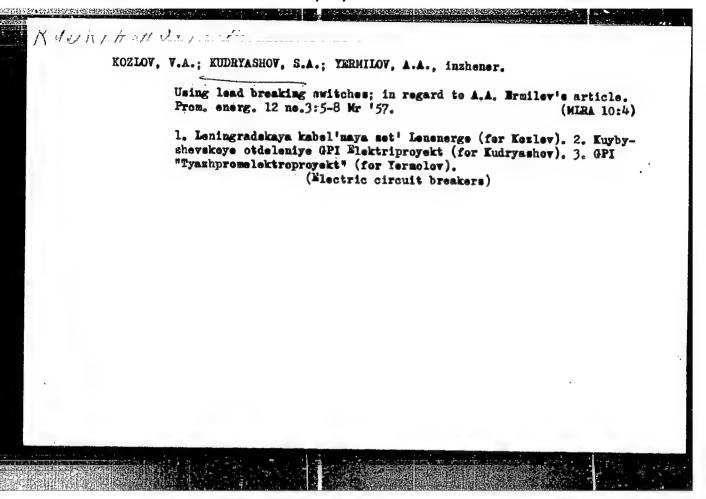
KUDRYASHOV, S.A., inzh.; KOZIOV, V.A., inzh.; AYZENBERG, B.L., kand. tekhn.

Technical and economic comparision of urban power networks. Elektrichestvo no.12:71-73 D 56. (MIRA 11:3)

l. Kuybyshevskoye otdeleniye Elektroproyekta (for Kudryashov). 2. Ieningradskaya kabel'naya set' (for Kozlov). 3. Ieningradskiy inshenerno-ekonomicheskiy institut im. Molotova (for Ayzenberg).

(Electric networks)



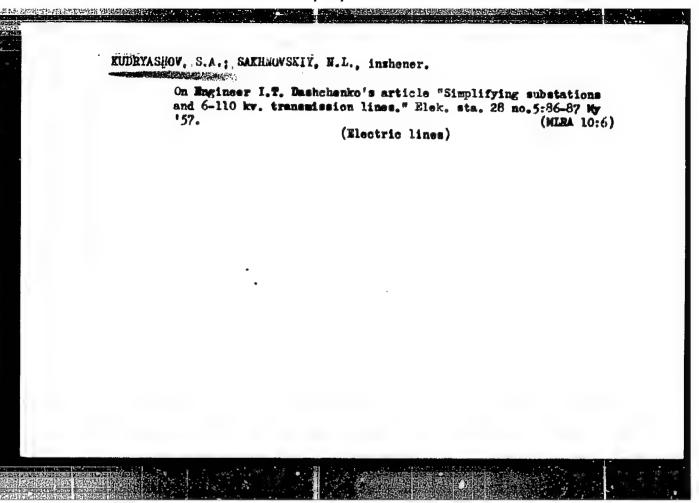


KUDRYASHOV, S.A., inshener.

Change in the rated power of transformers depending on the condition of the surrounding medium. Prom. energ. 12 no.4:31 Ap '57. (MIMA 10:5)

1. Kuybyshevskoye otdeleniye Gosudarstvennogo proyektnogo instituta "Elektroproyekt".

(Blectric transformers)



AUTHOR :

Kudryashov, S.A.

90-58-3-2/9

TITLE:

The Influence of the Term of Economic Exploitation on the Choice of the Power of a Battery of 0.38 kv Static Condensers (Vliyaniye sroka okupayemosti na vybor moshchnosti batarei staticheskikh kondensatorov 0.38 kv)

PERIODICAL:

Energeticheskiy byulleten', 1958, Nr 3, pp 5-6 (USSR)

ABSTRACT:

The author describes various methods of determining the term of economic exploitation of the condenser battery: 1) working from the running costs: 2) G.M. Kayalov's method based on production costs: 3) A.A. Stepankov's method based on the minimum cost while taking into account increased repreduction and fiscal costs. The term of economic exploitation is 8, 11 and 6.25 years respectively. The author, wishing to take into account the degree of error of 10% in determining the reactive capacity Q<sub>r</sub>, compiled the equation:

$$K_{11}Q_{2} - \underline{d} = Q_{2} - \underline{8d}$$

$$R_{e} - \underline{11R}_{e}$$

Card 1/2

90-58-3-2/9

The Influence of the Term of Economic Exploitation on the Choice of the Power of a Battery of 0.38 kv Static Condensers

where  $K_{11}$  is the error factor, R is the equivalent active resistance of the phase of the transformer and network in ohms, and

$$\frac{d = 1,000 u^2 (A_n - A_v)}{}$$

where u is the voltage in kV, An-AV is the difference in cost of 1 reactive kva of the LT and HT battery assembly in rubles, a is the cost of 1 kW hr in rubles, T is the number of working hours per year and n is the term of economic exploitation in years. From these equations the degree of error K is worked out for the three terms of economic exploitation.

There are 2 Soviet references.

1. Condensers--Production 2. Condensers--Power factors--Economic aspects

Card 2/2

105-58-4-21/37

AUTHORS:

Kudryashov, S. A., Engineer, Moronov, Ye. P., Docent, Musatov, T. P., Engineer, Dvoskin, L. I., Engineer

TITLE:

Objective Method for the Evaluation of Schemes of Electric Connections (Ob yektivnyy metod otsenki skhem elektricheskikh soyedineniy)

PERIODICAL:

Elektrichestvo, 1958, Nr 4, pp. 74-77 (USSR)

ABSTRACT:

This is a reaction to the article by L. I. Dvoskin in Elektrichestvo, 1956, Nr 8. 1. The specific deficiency of the belt-contact must be added to table 1. The formula (1) does not take into account the influence of damage of the connections of sectional introductions on the increase of the annual damage. The assumption that with a decrease of the number of lines to the consumers in every section, the probability of damage decreases must be made more precise. 2. The suggested method is interesting. It is, however, inacceptable. a) The conclusion of the probability of the disconnection was drawn from mean

Card 1/3

statistical data and therefore can be completely wrong.

105-58-4-21-57

Objective Method for the Evaluation of Schemes of Electric Connections

b.) A conclusion valid today can be completely wrong in 1-2 years at the present development of engineering. 3. The suggestion of regarding the specific damage of the electrical equipment as an objective index must be fully rejected as this would only lead to a distortion of the real representation. 4. Dvoskin never designed for specific damage a basic index. Whether Musatov likes it or not, the susceptibility of the electrical equipment always supplies doubtlessly objective and very important data for the evaluation of electric connection schemes. The proposal by Kudryashov (bolt contact) is not regarded as useful by Dvoskin. Dvoskin replies to Mironov's answer that the data on the susceptibility of the equipment are not invariable and constantly change with progress. There are 3 figures, and 1 table.

Card 2/3

Objective Method for the Evaluation of Schemes of 105-58-4-21/57 Electric Connections

ASSOCIATION: 1) Kuybyshevskoye otdeleniye Elektroproyekta (Kuybyshev Branch of the Electroproject)

2) Novocherkasskiy politekhnicheskiy institut (Novocherkassk Polytechnical Institute)

3) Donbassenergo

AVAILABLE: Library of Congress

1. Electrical equipment-Theory 2. Damage control-Theory

3. Connectors (Electrical)-Study and teaching

Card 3/3

AUTHOR: Kudryashov, S.A., Engineer 91-58-6-18/39 TITLE: Use of Bushings PA and PB Without Contact Bolts (Primeneniye prokhodnykh izolyatorov PA i PB bez boltovykh kontaktov) Energetik, 1958, Nr 6, pp 20-21 (USSR) PERIODICAL: ABSTRACT: Bushing type PA and PB for currents from 250 to 600 amps are normally produced with rectangular copper shafts and attached to the bars of the assembly with contact bolts. author proposes that the shaft be removed and the aluminum or steel bar of the distributor chamber passed through the bushings, thus avoiding labor-consuming bolt connections and saving copper, although the permissible maximum load is reduced. There is one figure and two tables. AVAILABLE: Library of Congress Card 1/1 1. Bushings-Modification

AUTHOR:

Kudryasnov, S.A.

SOV-90-58-9-8/8

TITLE:

On N.S. Movsesov and A.N. Glazkov's Article "Some Problems of the Power Supply to the Pumping Stations of an External Water Injection System" (Po povodu statii N.S. Movsesova i A.N. Glazkova "Nekotoryye voprosy elektrosnabzheniya

nasosnykh stantsiy zakonturnogo zavodneniya")

PERIODICAL:

Energeticheskiy byulleten, 1958, Nr 9; pp 32 (USSR)

ABSTRACT:

The author disagrees with several technical points raised in the mentioned article, which was published in Energe-

ticheskiy byulleten', Nr 7, 1957.

1. Water injection systems 2. Pumps—Applications

Card 1/1

USCOMM-DC-55597

SOV/94-58-12-5/19

AUTHORS:

Grodskiy, S.Ye., Engineer

Kudryashov, S.A., Lifshits, V.L. and Rattel', K.N.

TITLE:

On the Ventilation of Transformer Chambers (K voprosu

o ventilyatsii transformatornykh kamer)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr 12, pp 12-14 (USSR)

ABSTRACT:

Under this heading there are three separate short articles discussing the article by Shnitser, Zotov and Khesin published in Promyshlennaya Energetika, 1957, Nr 12.

Grodskiy, S.Ye., pp 12-13

This author considers that the original article correctly states that it is not necessary to provide ventilation shafts in closed transformer chambers for outputs up to 1 MVA. The author's institute is designing transformer chambers of this kind. However, various objections are raised to the ventilation arrangements proposed by the authors. The air resistance formulae that they give are not accurate. The recommended ventilation arrangements are not satisfactory. The recommended that they give are not accurate.

Card 1/3

307/94-58-12-5/19

On the Ventilation of Transformer Chambers

practical experience of transformer cooling noted in the article is not sufficient. The latest design of transformer chamber used by the author's organisation overcomes these defects and is briefly described with reference to the sketch. Air reaches the transformer from one side and from undermeath and leaves near the top. This method of construction has been successful in practice.

ASSOCIATION: Giprotraktorosel'khozmash

## Kudryashov, S.A., p 13

This author states that the original authors should not have used the maximum permissible outlet air temperature at 45°C but should have used a mean temperature of 40°C. Therefore, the table of ventilating duct areas gives values that are too low.

ASSOCIATION: GPI Elektroproyekt, g. Kuybyshev (State Planning Card 2/3 Institute Elektroproyekt in Kuybyshev)

SOV/94-58-12-5/19

On the Ventilation of Transformer Chambers

Lifshits, V.L., and Rattel' K.N., p 14

Operating experience with transformer substations in textile factories in Central Asia which are fully loaded all day shows that the recommended method of ventilation is not adequate in this case. In such circumstances, the use of ventilating shafts has been found very effective. In the test results described in the original article insufficient reference is made to climatic conditions. The authors' organisation has to use more generous ventilation arrangements than are recommended in the article.

ASSOCIATION: Gosudarstvennyy proyektnyy institut Nr 1 (The State Design Institute Nr 1)

Card 3/3

94-2-23/27 Kudryashov, S.A. (Engineer) AUTHOR: Economy of high-quality steel for earthing devices (Ob ekonomii TITLE:

sortovoy stali dlya zazemlyayushchikh ustroystv.)

Promyshlennaya Energetika, 1958, Vol.13. No.2. pp.35-36 (MAF) PERIODICAL

This brief note states that although steel bar is often used for earthing devices, particularly for transmission line towers and ABSTRACT:

lightning conductors, the practice can be wasteful. A sketch demonstrates that it is often more economical to use trip than

bar. There is I figure.

ASSOCIATION: Elektroproyekt, g. Kuybyshev

Library of Congress. AVAILABLE:

1. Steel-Applications 2. Electrical equipment-Grounding

Card 1/1

CIA-RDP86-00513R000827210005-6" **APPROVED FOR RELEASE: 07/12/2001** 

YERMYLOV, A.A., inzh; SEULIN, N.A., inzh; CHIZHISHIN, P.L., inzh.; CHEPELE, Yu.M., inzh.; MUSATOV, T.P., inzh.; FEDOROV, A.A., kand, tekhn.mauk; YAROSHETSKIY, L.M., inzh.; GOL'IRREBLAT, B.L., inzh.; KUDRYASHEV, S.A., inzh.; ZAKHAROV, N.M., inzh.; SHCHUKIN, B.D., inzh.

Improving planning of indus'rial power supply. Prom. energ. 13 no.71-18-29 Jl '58.

liTyazhpromelektroproyekt. (for Termilov). 2. Zhemproyektas, g. Kaunas (for Chepele). Denbassenerge (for Musatov). 4. Moskovskiy energeti-haskiy institut (for Fedorov). 5. Uzgiprovedkoz, g. Tashkent (for Iaroshetskiy). 6. Proyektny institut Ministerstva stroitel stva USSR, Odessa (for Gol'denblat). 7. Elektroproyekt, g. Kuybyshev (for Kudryashov). 8. Gosradicelektronika (for Zakharov). 9. Bidrepreyekt, g. Kuybyshev (for Shchukin).

(Electric pewer)

GRODSKIY, S.Ye., inzh.; KUDRYASHOV, S.A.; LIFSHITS, V.L.; RATTEL', K.N.

Ventilating transformer chambers. Pron.energ. 13 no.12:12-14 D '58.
(MIRA 12:1)

1. Giprotraktorosel'khozmash (for Grodskiy). 2. Gosudarstvennyy proyektnyy institut Elektroproyekt, g.Kuybyshev (for Kudryashov). 3. Gosudarstvennyy proyektnyy institut No.1 (for Lifshits, Rattel').

(Blectric transformers--Ventilation)

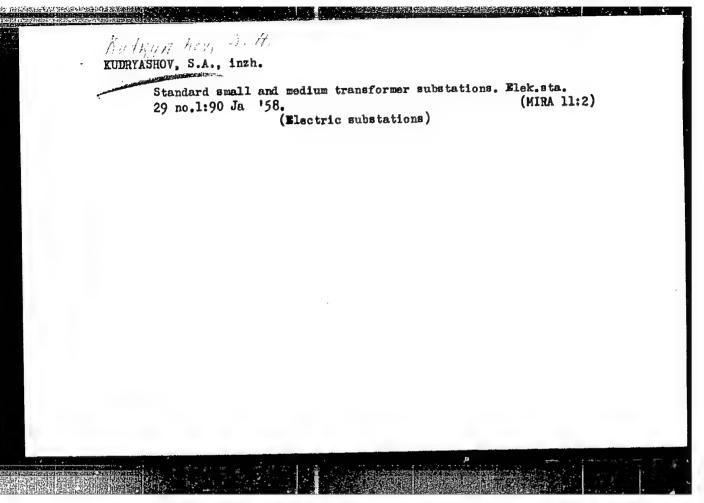
YAKUBOV, V.F., inzh.; VAYSEROD, S.A., inzh.; MUDRYASHOV, S.A., inzh.

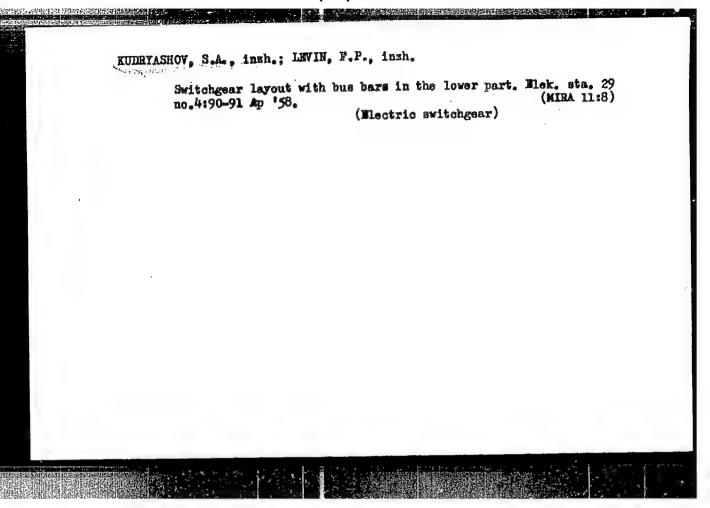
Hew grounding system for electric installations. Nov. tekh. i pered.

op. v stroi. 20 no.3:27-28 M '58.

(mira 11:3)

(slectric currents--Grounding)





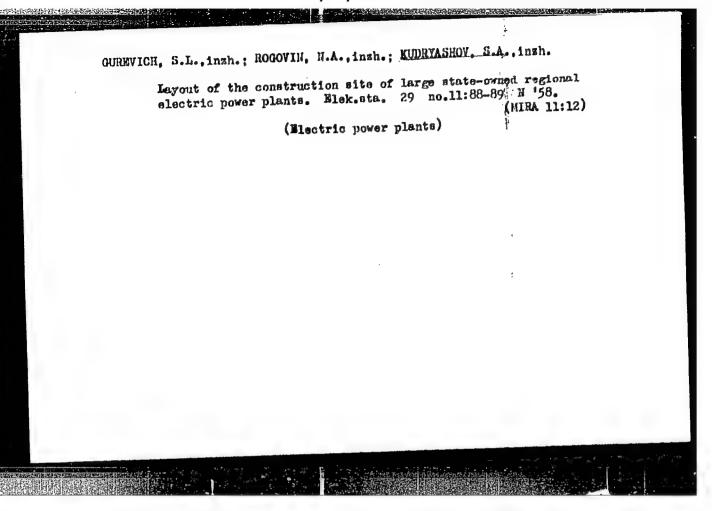
Measuring the resistance of depressed groundings of 220 kv.
electric power lines. Elek.sta. 29 no.8:85-36 Ag '58.
(MIRA 11:11)
(Electric lines-measurement) (Electric currents-Grounding)

KRIKUNCHIK, A.B., ingh.; LOPSHITS, L.M., ingh.; IOGANSON, N.Ye., ingh.; SUMAROMOV, B.P., ingh.; KUDHYASHOV, S.A., ingh.

Distribution system of 6-10 kv. with reactors on the external connectors. Elek. sta. 29 no.10:79-83 0 58. (MIRA 11:11)

1. Teploelektroproyekt. (for Krikunchik, Lopshita). 2. Promenergoproyekt (for Loganson, Sumarokov). 3. Knybyshevskoye otdeleniye Elektoroproyekta (for Kndryashov).

(Electric power distribution)

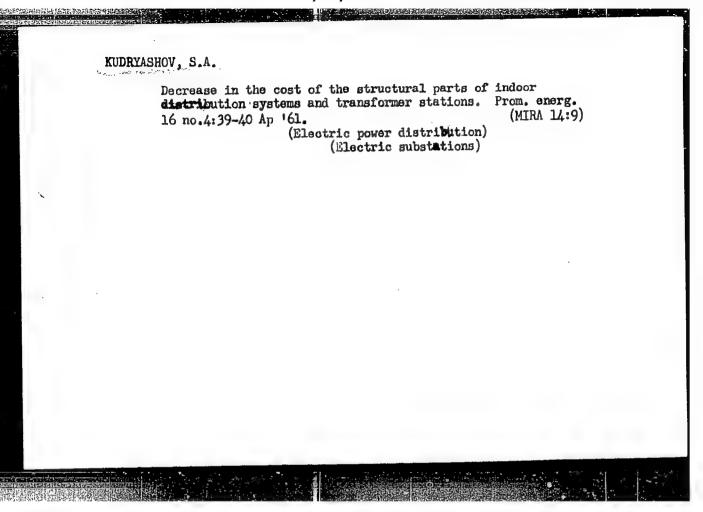


KUDRYASHOV, S.A., ingh.

Streamlined transformer chamber. From energ. 14 no.2:35-36 F '59.

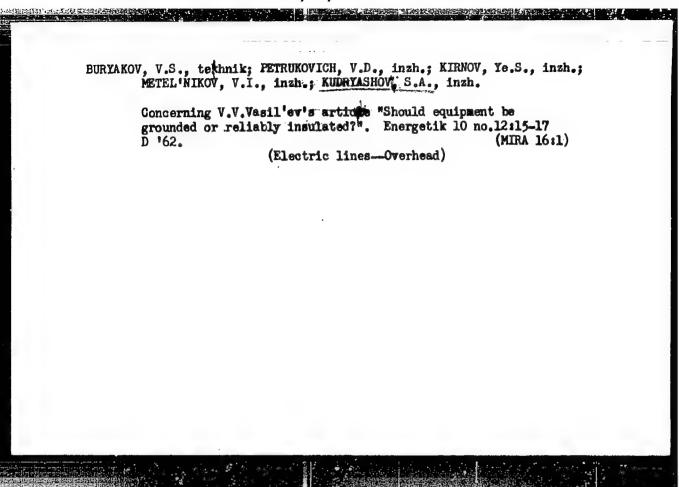
(MIRA 12:3)

(Electric transformers—Gooling)



KUDRYASHOV, S.A., inzh.

Concerning N.N. Beliakov's article "Simplification of 35kv.
ORU equipment." Energetik 10 no.3:30 Mr '62. (MRA 15:2)
(Electric power distribution...Equipment and supplies)



### KUDRYASHOV, S.A.

Discussing N.N.Beliakov's article "Simplified goundations for 110/35/10(6) kilowatt transfermers." Prom.energ. 17 no.2:51 F '62. (MIRA 15:3)

1. Kuybyshevskoye otdeleniye Gosudarstvennogo proyektnogo instituta
"Elektroproyekt".

(Electric transformers--Foundations)
(Beliakov, N.N.)

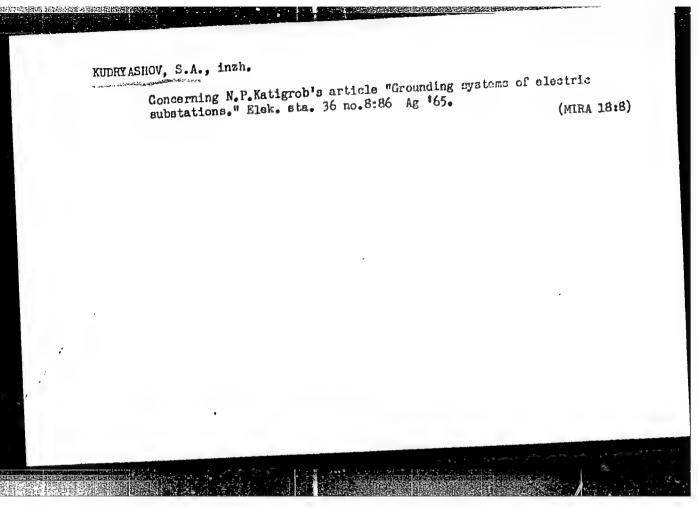
# MAVRITSYN, A.M.; KUDRYASHOV, S.A. Concerning N.N.Seulin's article "Cross section of the grounding strand of flexible cab-tire cables for mobile systems." Prom. energ. 17 no.9:58-59 S '62. (MRA 15:8) 1. Korkinskiy trest ugol'nykh predpriyatiy (for Mavritsyn). 2. Gosudarstrennyy proyektnyy institut po proyektirovaniyu predpriyatiy elektropromyshlennosti (for Kudryashov). (Electric cables) (Seulin, N.N.)

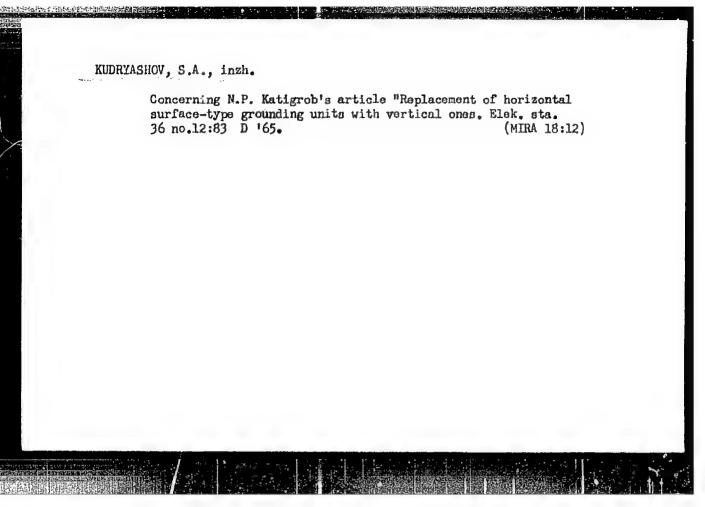
KUDRYASHOV, S.A., inzh.

On the article by R.D.Marichev and I.L.Shegalov "New data sheets
for longitudinal side view of overhead electric power transmission
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KUDRYASHOV, S.A., inzh.

Concerning N.A. Korzh's article "Grounding devices of the electrical systems of hydraulic structures." Elek. sta. 34 (MIRA 16:8) no.7:90 Jl '63.





21779-66 SOURCE CODE: UR/0286/65/000/023/0047/0047 ACC NR: AP6002/548 AUTHORS: Trofimov, F. A.; Bukhtarova, Z. V.; Kharitonov, V. M.; Dubynin, Kudryashov, S. A. ORG: none TITLE: A method for purifying polycaproamide. Class 39, No. 176680 SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 47 TOPIC TAGS: oligomer, polymer, vacuum refining, polyamide compound ABSTRACT: This Author Certificate presents a method for purifying/polycaproamide from low molecular impurities by means of a vacuum distillation 1/To improve the technological process, the cyclic oligomers of E-aminocaproic acid, which are present in the impurities, are decomposed catalytically at a temperature of 250-260C. SUB CODE:11. 07/SUBM DATE: 14Jul64 678.6751126.025.4 UDC:

KUDRYASHOV, S.F.

Kent School He wood

Fusibility, density, refraction index, viscosity, and surface tension of the binary systems monochloroacetic acid - dioxane and trichloroacetic acid - dioxane. Zhur.ob.khim. 33 no.6: (MIRA 16:7) 1718-1722 Je '63.

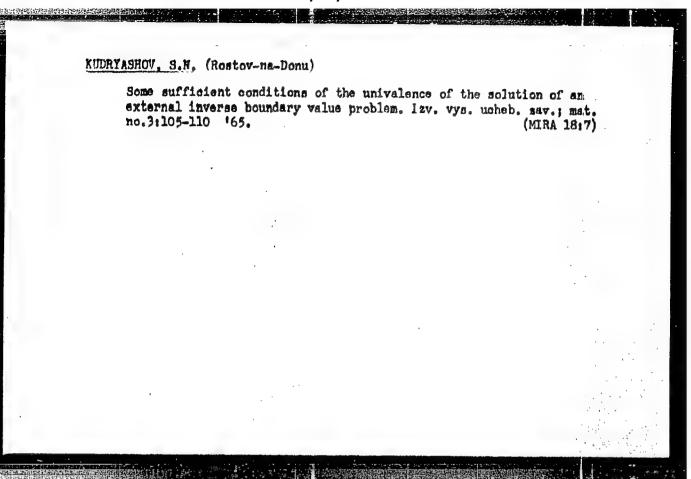
1. Permskiy gosudarstvennyy universitet imeni A.M.Gor'kogo. (Acetic acid) (Dioxane)

AUTHORS: Zhuravlev, Ye. F.; Sheveleva, A. D. S. F.; Schurov, V. A.  TITLE: Solubility in ternary aqueous salt sy a nitrate of alkali metal  SCURCE: Zhurnal neorganicheskoy khimii, V. 8  TOPIC TAGS: cerium nitrate, alkali metal, Na  ABSTRACT: Authors studied the solubilities o	no. 8, 1963, 1955-1963  , K. Rb. sodium, potassium, rubidium
SCURCE: Zhurnal neorganicheskoy khimii, v. 8 TOPIC TAGS: cerium nitrate, alkali metal, Na	, no. 8, 1963, 1955-1963 , K. Rb. sodium, potassium, rubidium
TOPIC TAGS: cerium nitrate, alkali metal, Na	, K, Rb, sodium, potassium, rubidium
amount the state of the polykilities of	
NeNO <sub>7</sub> -H <sub>2</sub> O; Ce(NO <sub>7</sub> ) <sub>7</sub> -KNO <sub>7</sub> -H <sub>2</sub> O; Ce(NO <sub>3</sub> ) <sub>5</sub> -RbNO <sub>3</sub> - eratures of 10, 20, and 30C. It was found the belongs to the system of a simple eutonic typ KNO <sub>7</sub> -H <sub>2</sub> O, regions in which the existence of d Ce(NO <sub>3</sub> ) <sub>3</sub> ·2KNO <sub>3</sub> ·2H <sub>2</sub> O, Ce(NO <sub>3</sub> ) <sub>3</sub> ·2RbNO <sub>3</sub> ·4H <sub>2</sub> O and can be found in the above indicated temperatu of Ce(NO <sub>3</sub> ) <sub>3</sub> ·2KNO <sub>3</sub> ·2H <sub>2</sub> O and Ce(NO <sub>3</sub> ) <sub>3</sub> ·2CsNO <sub>3</sub> ·4H and the double nitrate Ce(NO <sub>3</sub> ) <sub>3</sub> ·2RbNO <sub>3</sub> ·4H <sub>2</sub> O d ture of 10C and congruently at temperatures of	at the system Ce(NO <sub>3</sub> ) <sub>3</sub> -NaNO <sub>3</sub> -H <sub>2</sub> O  e. In the ternary system Ce(NO <sub>3</sub> ) <sub>3</sub> -  couble nitrates of the composition  Ce(NO <sub>3</sub> ) <sub>3</sub> ·2CsNO <sub>3</sub> ·4H <sub>2</sub> O are detected  are interval. The double nitrates  100 dissolve in water incongruently  Headwean incongruently at a tempera-

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ZHURAVIEV, Yc.F.; KBURYASHOV, S.F.

System K , HH // Cr<sub>2</sub>O<sub>7</sub> , Cl = H<sub>2</sub>O. Thur. neorg. Inim. 9 no.8:
1996-2006 Ag 164. (MIRA 17:11)



KUDRYASHOV, S. Ya SOV/105-58-10-21/28 1) Dashchenko, I.T., Enginear AUTHORS: (Town of Uzhgorod) 2) Ryklin, F.G., Engineer (City of Voznesensk, Nikolaye akaya Oblast') 3) Shapiro, I.M., Engineer (City of L'vov) 4) Ratner, M.P., Engineer 5) Kudryashov, S. Ya., Enginee-6) Khaytun, E.I., Engineer Electric Power Engineering on a New Level (Elektroenergetiku - na TITLE: novuyu stupen') Elektrichestvo, 1958, Nr 10, pp 86 - 90 (USSR) PERIODICAL: This is a discussion/ he article by S.M. Gortinskiy and I.A. Syromyatnikov published in Elektrichestvo, 1957, Nr 10: 1) Even ABSTRACT: in electrified regions, as in the Ural, in the Donbass, etc. districts are found which are not connected with the power supply grid. To renounce the construction of small power stations could be of a detrimental effect. It would be most expedient to construct small power stations (with a power not below 25 MW) in greatly simplified power houses in a way enabling them of being translocated from one region to another. 2) Some measures of Card 1/3

Electric Power Engineering on a New Level

SOV/105-58-10-21/28

rationalizing the construction, operation and distribution of power in the small power field. 3) The economic expediency of supplying new regions from power supply grids and of abolishing small power stations is substantiated by a practical example from planning work. 4) One of the principal reasons for the high prime costs of small steam turbine power stations is a mechanical transposition of the principal engineering schemes and of the design of large power stations to small-scale ones. More up-to-date principles of improving the operation factors of such stations are advanced and a conversion from a solid fuel to a liquid or gas fuel operation is requested. By the latter measure a complete automation of steam turbine power stations will be made possible. 5) Experience gained in the enterprises of the Glavelektromontazh demonstrated that the time has come to introduce an industrialized method of assembly. Each electrical equipment should be designed as one great block of equipment, weights reaching 2.5 t. 6) Insufficiencies and shortcomings in electrical industry are pointed out. A number of cases are mentioned, where it was impossible to obtain apparatus and parts of equipment which had been developed already a long time ago. There are 1 figure and 2 tables.

Card 2/3

Electric Power Engineering on a New Level

ASSOCIATION: 4) Transelektroproyekt
5) and 6) Kuybyshevakoye otdeleniye Elektroproyekta (Kuybyshev
Branch of the Elektroproyekt)

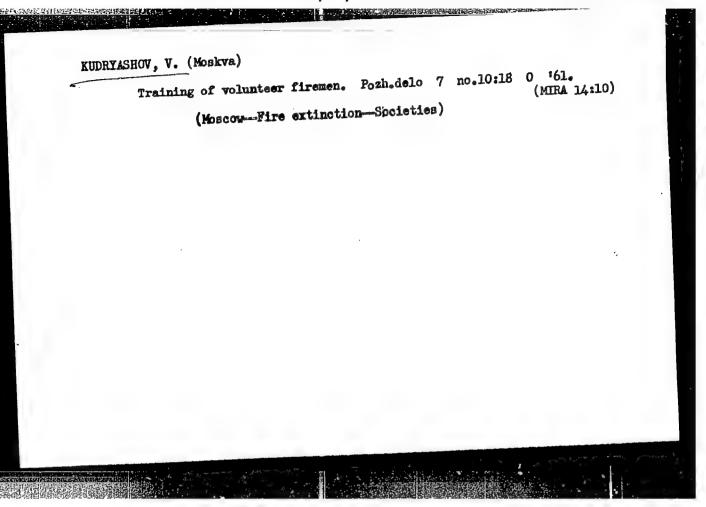
Card 3/3

KUDRYASHOV, V.

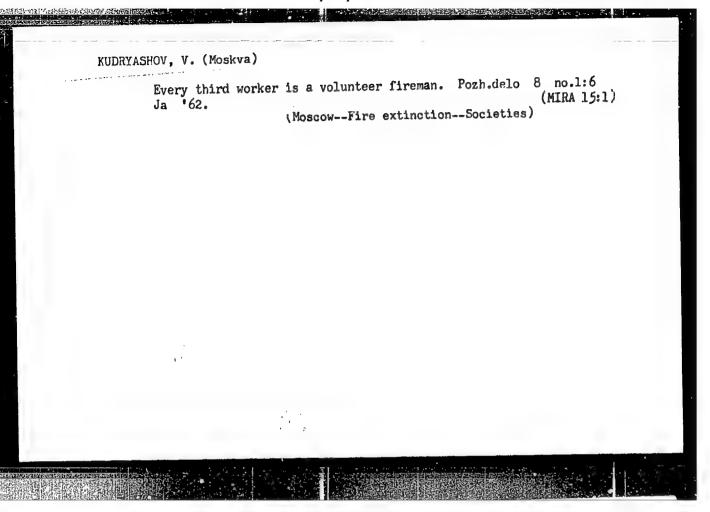
Radio - Exhibitions

Work of Kaluga radio amateurs. Radio, no. 2, 1952

9. Monthly List of Russian Accessions, Library of Congress, April 1952. Unclassified.



APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827210005-6"



MOVCHAN, R.A.; MOISEYEV, I.A.; AYBABINA, A., uchitel'nitsa;

KUDRYASHOY, V.; TURKINA, O.I. (Rubtsovsk)

Editor's mail. Geog. v shkole 25 no.6:59-61 N-D '62.

(MIRA 15:12)

1. Starosel'skaya shkola Mogilevskoy oblasti (for Moiseyev).

2. Chulkovskaya srednyaya shkola Moskovskoy oblasti (for Aybabina).

3. 16-ya shkola g. Morozovska, Rostovskoy oblasti (for Kudryshov).

(Geography—Study and teaching)

ACC NR. AP6033584 SOURCE CODE: UR/0181/66/008/010/3124/3126

AUTHOR: Petrov, M. P.; Kudryashov, V. A.

ORG: Institute of Semiconductors, AN SSSR, Leningrad (Institut poluprovodnikov, AN SSSR)

TITLE: Nuclear magnetic resonance and hyperfine interaction in RoCoF3

SOURCE: Fizika tverdogo tela, v. 8, no. 10, 1966, 3124-3126

TOPIC TAGS: nuclear magnetic resonance, hyperfine structure, frequency shift, line width, nuclear shell model, nuclear spin

ABSTRACT: The authors have investigated nuclear paramagnetic resonance in the paramagnetic crystal RbCof, on the nuclei <sup>59</sup>Co, <sup>87</sup>Rb, and <sup>19</sup>F. Polycrystalline RbCof, was obtained from a melt of RbCl and Cof. The NMR measurement procedure was described earlier (FTT v. 7, 2156, 1965). Shifts of the resonant frequencies were observed for all nuclei. The corresponding shifts and line widths are given. It is shown how to determine the constants of the hyperfine interaction of nuclei with paramagnetic electron shells and to evaluate from them the spin density. Preliminary numerical values of the constants and of the spin density are given. The authors thank G. A. Smolenskiy for interest in the work and for a discussion of the results,

Card 1/2

and P. P. Syrnikov for preparing the samples. Orig. art. has: 2 formulas and 1 table.														
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## KUDRYASHOV, V.A. (USSR)

"Physiological Anticoagulating System and Biochemical Scheme of the Blood Coagulation."

Report presented at the 5th Int!1. Biochemistry Congress, Moscow, 10-16 Aug. 1961.

# KUDRYASHOV, V.A., aspirant

Determination of the reliability of data transmission through telegraph channels. Avtom., telem. i sviaz 9 no.12:17-19 D '65.

(MIRA 19:1)

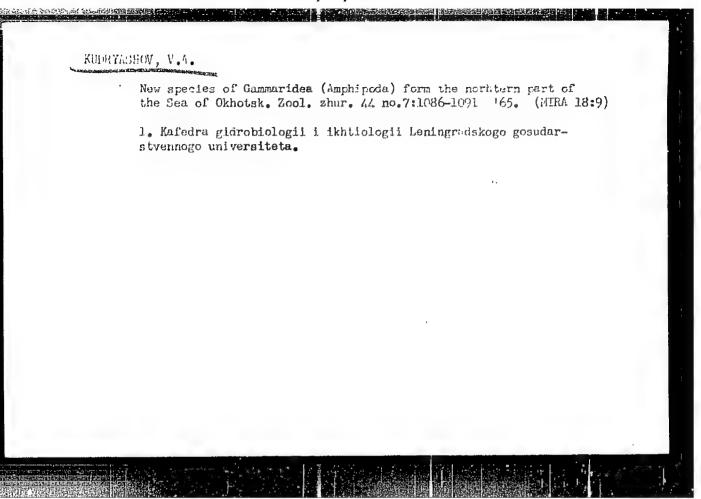
1. Leningradskiy institut inzhenerov zheleznodorozhnogo transporta.

# KUDRYASHOV, V.A. New amphipod species of the family Lysianassidae (Amphipoda, Gammaridea) form the Sea of Okhotsk. Zool. zhur. 44 no.4: (MIRA 18:6)

1. Leningradskiy gosudarstvennyy universitet.

513-520 65.

CIA-RDP86-00513R000827210005-6" APPROVED FOR RELEASE: 07/12/2001



KUDRYASHOV, V. A. ENGR

Theory and Methods of Evaluation of Measurements

Dissertation: "Measures Against Silting Under Spud Dredges." Cand Tech Sci, Moscow Inst of Nonferrous Metals and Gold imeni M. I. Kalinin, 1 Apr 54. (Vecheernyay Moskva Moscow, 23 Mar 54)

so: SUM 213, 20 Sep 1954

TYAZHELOV, Vadim Innokent'yevich; SAVKL'TEV, A.G., retsenzent; MAUMOV,
M.K., retsenzent; LI, M.V., retsenzent; MASHUKOV, I.F., retsenzent; MTAKOM'KIY, A.I., gornyy inzh., retsenzent; KUDRTASHOV,
V.A., dotsent, retsenzent; PATRENKO, N.P., red.; SOROKIN, T.I.
tekim.red.

[Morking a deposit by open-pit mining in the wintertime] Rasrebotke mestoroxhdenii otkrytym sposobom v zimnii period. Irkutsk, Irkutskoe knizhnoe izd-vo. 1958. 127 p.

(MIRA 14:5)

1. Gornorudnyy kombinet Irkutskogo sovnarkhoza (for Savel'yev.
Ksumov, II, Mashukov, Myakon'kikh, Kudayashov)

(Strip mining--Cold weather conditions)

YUMATOV, Boris Petrovich, doktor tokhn. nauk; FILINOEOV, H.A., kand. tekhn. nauk, dots., retsenzent; KURTASHOV, V.A., kand. tekhn. nauk, retsenzent; REDUTANO, L.M., dots., kand. tekhn. nauk, retsenzent; FIIUS, A.I., dots., kand. tekhn. nauk, retsenzent; KAZANJV, V.N., gornyy inzh., retsenzent; ROSSMIT, A.M., otv. red.

[Mining machinery for working placer deposits] Gornye mashiny dlia razrabotki rossypei. Moskva, Nedra, 1964. 374 p. (MIRA 18:2)

1. Kafedra Irkutskogo politekhnicheskogo instituta (for Kudryashov, Radchenko, Filus, Kazakov).

### "APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000827210005-6

ACC NR: AP7005755

SOURCE CODE: UR/0126/67/023/001/0117/0122

AUTHOR: Ivanova, V. S.; Torent'yev, V. F.; Kudryashov, V. G.; Sabitova, N. S.

ORG: Institute of Metallurgy im. A. A. Baykov (Institut metallurgii)

TITLE: Mechanism of hardening during multiple deformation aging

SOURCE: Fizika metallov i metallovedeniye, v. 23, no. 1, 1967, 117-122

TOPIC TAGS: metal deformation, metal aging, metal heat treatment, creep, low carbon steel

ABSTRACT: The strength of metals can be additionally enhanced if they are deformed in stages alternating with aging. The best results are produced when the metal is subjected at room temperature to successive dynamic loadings up to a rigorously limited degree of deformation equal in magnitude to the creep plateau, alternated with intermediate aging (multiple thermomechanical treatment or MTMT). The MTMT of e.g. iron increases its yield point by 100-150% and ultimate strength by 50-75% while maintaining plasticity at the level of 17%. In this connection the authors investigated the dislocation structure of low-carbon steel and armco iron following their quadruple (i.e. 4-stage) MTMT with intermediate aging (150°C for 5 hr) after each stage of deformation. Dislocations were examined by etching with the reagent

Card 1/2

IIDC: 539.4

ACC NR: AP7005755

LZ (100 cc of methyl alcohol + l g FeCl<sub>3</sub>). Findings: the increase in the static and cyclic strength of armco iron and low-carbon steel following their MTMT is due to the formation of a stabilized dislocation structure which uniformly encompasses the hardened volume of the metal and leads to: a) limitation of surface deformation during cyclic loading of the metal and, as a consequence, retardation of the occurrence of fatigue cracks which, in its turn, prolongs the life of the metal; b) increase in the energy  $G_{lc}$  required for the propagation of a crack (per unit length of the crack). Knowledge of the parameters  $G_{lc}$  and  $K_{lc}$  (relative local increase in tensile stress at the leading end of a crack spreading under conditions of plane deformation) is an important and useful requirement for selecting the optimal regime of hardening treatment. Orig. art. has: 4 figures, 2 formulas.

SUB CODE: 13, 11/ SUBM DATE: 09Oct65/ ORIG REF: 008/ OTH REF: 007

Card 2/2

IVANOVA, V.S.; GORODIYENKO, L.K.; GEMINOV, V.N.; ZUBAREV, F.V.; FRIDMAN, Z.G.; LIBEROV, Yu.P.; TEREST YEV, V.F.; VOROB YEV, N.A.; KUDRYASHOV, V.G.; BERLIN, Ye.N., red.

[Role of dislocations in the hardening and the failure of metals] Rol' dislokatsii v uprochnenii i razrushenii metallov. Moskva, Nauka, 1965. 179 p. (MIRA 18:10)

1. Moscow. Institut metallurgii. 2. Laboratoriya prochnosti Instituta metallurgii im. A.A.Baykova, Moskva (for all except Berlin).

# "APPROVED FOR RELEASE: 07/12/2001

# CIA-RDP86-00513R000827210005-6

SOURCE CODE: UR/0020/66/171/001/0077/0080 AUTHOR: Agevev, N. V. (Corresponding member AN SSSR): Ivanova, V. S.: Petrova, L. A.: ACC NRI AP6036757 Kudryashov, V. C.: Grankova, L. P. ORG: Institute of Metallurgy im. A. A. Baykov, AN SSSR (Institut metallurgii TITLE: Effect of structure on the resistance of  $\beta$ -titanium alloy crack propagation Akademii Nauk SSSR) SOURCE: AN SSSR. Doklady, v. 171, no. 1, 1966, 77-80 TOPIC TAGS: titanium, molybdenum alloyi chromium containing alloy, iron containing alloy, aluminum containing alloy, allow beat treatment, they structure, allow machanism property/IVT-1 alloy ABSTRACT: Specimens of IVT-1 B-titanium alloy of optimum composition (7% Mo, 5.5% Cr. 3% Fe, and 3% Al) were solution heat treated at 800C (the B-region), water quenched, and aged at 450C for 50 hr, at 500C for 20 hr, at 525C for 15 hr, or at 500C for 15 hr. Microscopic examination showed that decomposition of the  $\beta$ -solid solution became more uniform as the aging temperature increased. After aging at 525C for 15 hr, the alloy structure consisted of the  $\beta$ -solid solution matrix uniformly reinforced with  $\alpha$ -phase acicular fibers 2  $\mu$  or more long with a diameter about one order lower. Similar precipitated  $\alpha$ -phase fibers within  $\beta$ -grains and along their boundaries were also observed in the alloy aged at 550C for 15 hr. In.each Card 1/2

# ACC NR: AP6036757

β-grain, the precipitated α-fibers appeared to be oriented predominantly along the slip planes. Aging conditions had no effect on the total volume of the precipitated fibers and affected only their form and distribution. The alloy aged at 525 or 550C had a tensile strength of 161 and 170 kg/mm², an elongation of 8.0 and 7.4%, and a reduction of area of 21.0 and 11.5%, respectively. The corresponding figures for unaged alloy were 150.7 kg/mm², 10.0% and 17.3%. Regardless of the aging conditions, LVT-1 alloy had a relatively low notch toughness of 2 kg·m/cm². However, the alloy aged at 525 and 550C had high resistance to crack propagation, indicating the alloy's low susceptibility to brittle failure under static loads. Therefore, IVT-1 β-titanium alloy reinforce with precipitated α-phase fibers can be recommended for structures with stress concentrators working under static laods. Orig. art. has: 2 figures and 1 table.

SUB CODE: 11/ SUBM DATE: 21Ju166/ ORIG REF: 001/ OTH REF: 004/

ATD PRESS: 5106

Card 2/2

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L 27233-66 EWT(m)/T/EWP ACC NR: AM6003228	(w)/EWP(t) IJP(c) JD Monograph	40 UR/	
		P. V. Fridman, Z. G	1
Ivanova, V. S.; Gorodiyen Liberov, Yu. P.; Terent	ko, L. K.; Geminov, V. N.; Zubarev, 'yev, V. F.; Vorob'yev, N. A.; Kud;	yashov, V. G.	i
Polo of dislocation in th	ac atrangthening and failure 18. of t	metals (Rol'dislokatsii	-
v unrochnenii i razrush	menii metallov) Moscow, Izd-vo "Nau	(W Pranty via h)	
	slip inserted. 4500 copies print	1	
TOPIC TAGS: metal, alloy tion theory, thermomech	, metal strength, alloy strength, c nanical treatment, metal failure	lislocation, disloca-	
PURPOSE AND COVERAGE:	The book is a continuation and dev	elopment of the ideas	1
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and allows. In the fire	rst part (Chap. I-IV) of this monog opment of plastic deformation and t	table tue tore or gra-	1
to discussed. In the sec	cond part (Chap. V-VII), the theore	CICUT biemrage for	;
metal and alloy strengt	thening with thermomechanical treatmechanical properties of metals and	alloys under static	1
and cyclic loads are re	eviewed.		)
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SOURCE CODE: UR/0370/66/000/003/0130/0133 ENT(m)/ENP(w)/T/ENP(t)/ETY 1 39959-66 EVT ( AUTHOR: Ivanova, V. S. (Moscow); Kudryashov, V. G. (Moscow); Terent'yev, V. I. 43 (Moscow) ORG: none

TITLE: Use of the energy of crack propagation in determining irreversible damage to a metal under a cyclic load

SOURCE: AN SSSR. Isvestiya. Metally, no. 3, 1966, 130-133

TOPIC TAGS: cyclic load, crack propagation, low carbon steel plastic deformation

ABSTRACT: In order to evaluate the behavior of a metal under a cyclic load, in addition to the fatigue curve, which characterizes the final failure, it is also necessery to know the curve of irreversible damage, which reflects the start of microcrack formation in the metal. An attempt was made to determine the curve of irreversible damage for steel 20 (0.24% C) by using the crack propagation energy Gic. obtained by using the method of G. R. Irwin. In studying the nature of the variation of Glc with the number of cycles of the preliminary load, it was noted that the resistance to crack propagation is affected sainly by the following three factors: (1) the degree of plastic deformation of the material in front of the crack; (2) the interaction of the moving crack with the network of dislocations; (3) the extent of damage to the material (presence of pores, cracks, etc.). The experimental results obtained show

Card 1/2

UDC: 539.43

CIA-RDP86-00513R000827210005-6" **APPROVED FOR RELEASE: 07/12/2001** 

L 39959-66

ACC NR: AP6019770

that the determination of the energy required for the propagation of a crack in static tension may be a convenient criterion for evaluating the demage to a metal in the course of cyclic loading. By using this criterion, one can conveniently determine the line where microcracks begin to form in low-carbon steels subjected to cyclic loads. Orig. art. has: 3 figures and 2 formulas.

SUB CODE: 11,20/SUBM DATE: 24Jun65/ ORIG REF: 005/ OTH REF: 003

L 11105-63 EFF(n)-2/T-2/BDS AFFTC/ASD/AFWL/SSD Pu-l DM

ACCESSION NR: AP3001176

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4

AUTHOR: Ibragimov, Sh. Sh.; Sy\*ahchikov, L. A.; Voronin, I. M.; Kudryashov, V. G.

TITLE: Investigation of spent fuel elements of the First Atomic Electric Station

SOURCE: Atomnaya energiya, v. 14, no. 5, 1963, 465-468

TOPIC TAGS: spent fuel element, First Atomic Power Plant, fuel burnup, microstructure, microhardness, tensile strength, microcrack

ABSTRACT: Tests have been made of three spent tubular fuel elements used in the Pervaya atomnaya elektrostantsiya (First Atomic Power Plant) for 111, 324.5, and 557 days with mean fuel burnups of 11.8, 28, and 59%, respectively. The fuel elements consisted of two concentric steel tubes whose annular clearances were filled with fuel (a uranium-molybdenum alloy containing 9% molybdenum and metallic magnesium). During operation, the fuel elements were water cooled. Water inlet temperature was 175-19% and exit temperature, 260-280C. The maximal temperature of the external surfaces did not exceed 360-370C. The tests involved external examination of the elements, exact measurement of the diameter, metallographic investigation, and mechanical tests of ten tubes. Although no external damage

Card 1/42

L 11105-63 ACCESSION NR: AP3001176

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to the elements was found, a thin (about 1\$\mu\$) oxide film, varying in color from light-brown to dark-grey, formed on the element surfaces, and some swelling appeared along the length of the fuel element; the maximal increase in diameter, which occurred at the middle point, amounted to 0.10, 0.15, and 0.20 mm for fuel elements operated for 111, 324.5, and 557 days, respectively. The microstructure of the tube material did not undergo significant changes. Interaction between steel, magnesium, fuel, and the surrounding medium was confined to the fuel elements which operated for 111 and 324.5 days. Microcracks up to 100 \$\mu\$ deep were found in fuel elements which operated for 557 days. The tensile strength and microhardness of the tubes increased and the elongation decreased. These changes were most pronounced for external surfaces. With an increase in fuel burnup, and consequently of integral neutron flux, the strengthening of the tube material increased. The results are recommended for use in designing similar type reactors. Orig. art. has: 5 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 21Jun62

DATE ACQ: 21Jun63

ENCL: 02

SUB CODE: NS

NO REF SOV: 005

OTHER: 000

Card 2/42

BOGOSLOVSKIY, Yu.N.; KUDRYASHOV, V.I.; LUZYANIN, B.P.; MAKAROV, G.N.;
METHOD of automatic determination of ammonia in a current of gas.
Zav.lab. 29 no.2:158-159 163. (MIRA 16:4)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva.
(Ammonia) (Coke-cven gas)

BOGOSLOVSKIY, Yu.N.; ZHVAKINA, L.D.; KUDRYASHOV, V.I.; MAKAROV, G.N.

Simultaneous measurement of the thermal effects and the viscosity of coal during heating. Zav. lab. 31 no.11:1362-1363 '65. (MIRA 19:1)

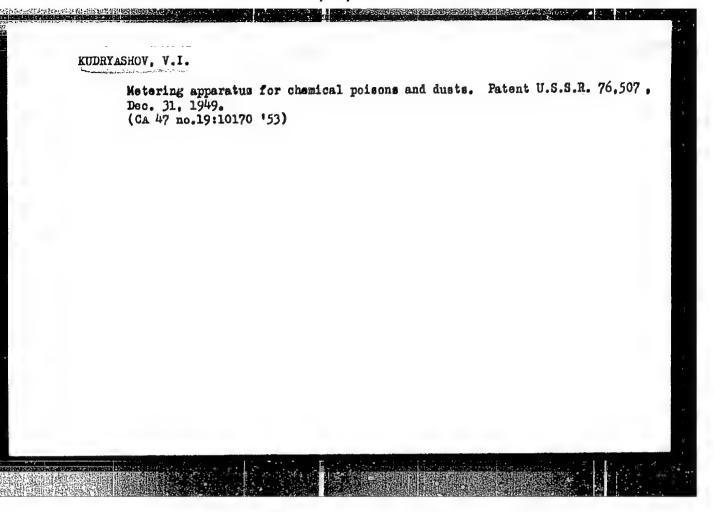
1. Moskovskiy khimiko-tekhnologicheskiy institut imeni Mendeleyeva.

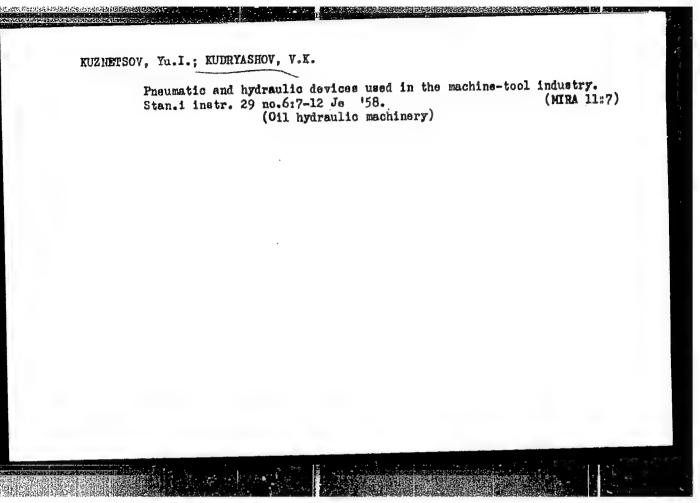
BOGOSLOVSKIY, Yu.N.; KUDRYASHOV, V.I.; MAKAROV, G.N.

Automatic method of determination of the interval of the plastic state of coal. Zav.lab. 29 no.2:198-199 163. (MIRA 16:5)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva.

(Coal-Permeability)





507/122-59-2-22/34

AUTHORS: Kudryashov, V.K., Engineer and Kuznetsov, Yu.I. Engineer

TITIE: Replacement of Accessories for Machines (Obnovleniye

stanochnykh prisposobleniy)

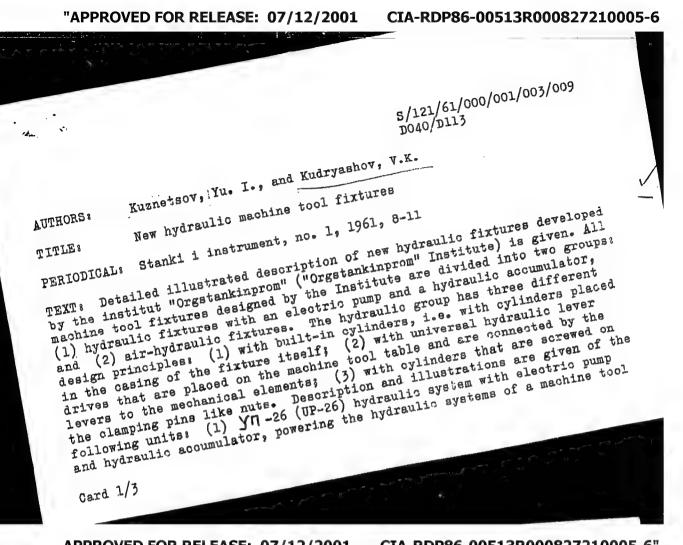
PERIODICAL: Vestnik Mashinostroyeniya, 1959, Nr 2, pp 60-61 (USSR)

ABSTRACT: Illustrations are given of a hydraulically operated

holding fixture to replace the bolted clamps normally used in milling and boring machines. The fixture is operated by an individual hydraulic pump which charges a spring loaded accumulator through a pressure relay. The pump runs only while the clamping fixture is being closed. The fixture can also be operated by a pneumatic-hydraulic system. The clamping piston and cylinder is double acting in that the cylinder is floating and bears against one side of the clamp through spherical washers while the piston exerts pressure on the opposite clamp through a tie rod (Fig 3). Four sizes of this fixture

will be produced by "Orgstankinprom" with pressure cylinder diameters from 60 to 90 mm giving clamping pressures from 1225 to 3250 kg. There are 3 figures.

Card 1/1



APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827210005-6"

s/121/61/000/001/003/009 DO40/D113

New hydraulic machine tool fixtures

group (from 1 to 5 machines). The UP-26 system is illustrated by a schematic diagram, and its electric pump by a photo. (2) A pressure transformer (similar in principle to one designed by the zavod "Krasnyy proletariy" /"Krasnyy proletariy" Plant/), consisting of one air cylinder and two hydraulic cylinders of low and high pressure which raise oil pressure 17.4 times compared with atmospheric pressure. It requires a dehydrating and filtering device in the air system. (3) An eight-position fixture with built-in cylinders, designed for milling flats on flanges (in horizontal milling machines). (4) A universal YN-132 (UP-132) hydraulic-lever drive for milling attachments. (5) A fixture for milling splines, with a UP-132 drive for clamping. (6) A fixture for milling flats on 12 ring-shaped parts at a time and one for milling flats on small-size shafts. (7) A hydrauling (GZ. 1 to GZ-4), with diameters of 40, 50, 60 and 70 mm, can produce a clamping effort of 640, 1000, 1440 and 1960 kg/cm respectively at 50 kg-f/cm oil pressure in the system. Hydraulic clamping fixtures are suitable for modernization of existing clamping devices with manually actuated clamping

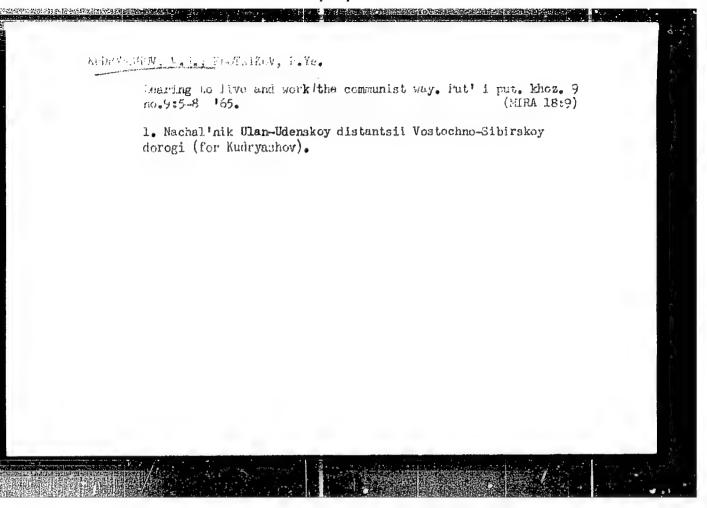
Card 2/3

New hydraulic machine tool fixtures

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nuts. The "Orgstankinprom" Institute has modernized and designed about 50 fixtures which have been in use since 1958 at the Gor'kovskiy zavod frezernykh stankov (Gor'kiy Milling Machine Plant). There are 10 figures.

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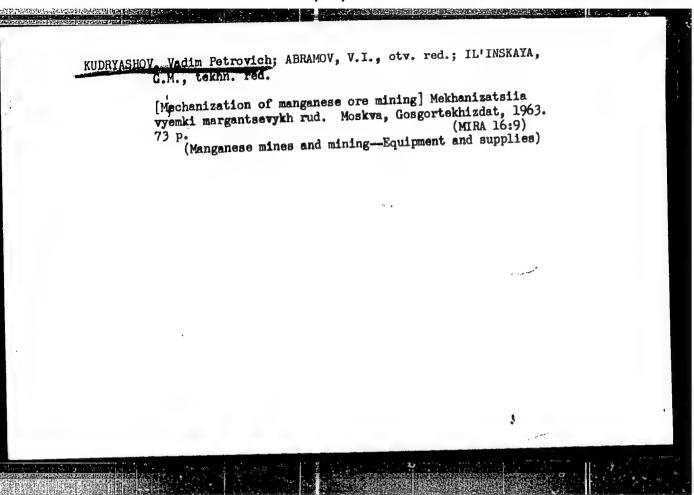
KUDRYASHOV, V.W., kandidat tekhnicheskikh nauk; UDOVENKO, W.G., inzhener.

Conveyers for preliminary finishing of fine glassware. Leg.prom. 15[i.e. 16] no.6:11-13 Je '56. (MLEA 9:3) (Gusev--Glassware) (Conveying machinery)

Kudryashov, V. P.

"Investigation of the Operation of the Pulsating Mechanism to Surply Cutting Machines." Min Higher Education USSR. Moscow Mining Instiment I. V. Stalin. Moscow, 1955 (Dissertation for the degree of Candidate in Technical Sciences)

SO: Knizhnaya letopis' No. 27, 2 July 1955



KICHIGIN, A.F., dotsent; KUDRYASHOV, V.P., dotsent; SALTANOV, A.D., inzh.; YAREMA, V.D., inzh.

Experimental research on breaking coal from a massif. Izv.vys. ucheb.zav.; gor.zhur. no.4:97-105 '60. (MIRA 14:4)

l. Karagandinskiy politekhnicheskiy institut. Rekomendovana kafedroy gornykh mashin i rudnichnogo transporta.

(Coal mines and mining)

KUDRYASHOV, V.P., dotaent, kand.tekhn.gauk

Basic engineering requirements for borth machinery for driving upraises in medium-hard and hard rocks. Borthauch. trud. KGRI no. 21:196-197 '63.

AIRA 17:7)

KUDRYASHOV, Viktor Semenovich; FEL'GIN, M., red.; KARPIHOVICH, Ya., tekhn.red.

[achievements of machinery industry workers in White Russia during the postwar years, 1946-1959] Trudovye pobedy mashinostroitelei Belorussii v poslevoennye gody, 1946-1959. Winsk, Gos.izd-vo BSSR, Red.sotsial'no-ekon.lit-ry, 1960. 90 p.

(White Russis--Machinery industry)

MARCHENED, L.N., kand.tekhn.nauk; KUDRYASHOV, V.S., inzh.

Amount of stemming for borehole charges. Vzryv. delo no.45:196-200 '60.

(Blasting)

(Blasting)

MARCHENKO, L.N., kand.tekhn.nauk; KUDRYASHOV, V.S., inzh.

Effect of the shape of the charge on rock breaking and the extent of working of the base of a bench. Vzryv. delo no.47/4:89-93 (MIRA 15:2)

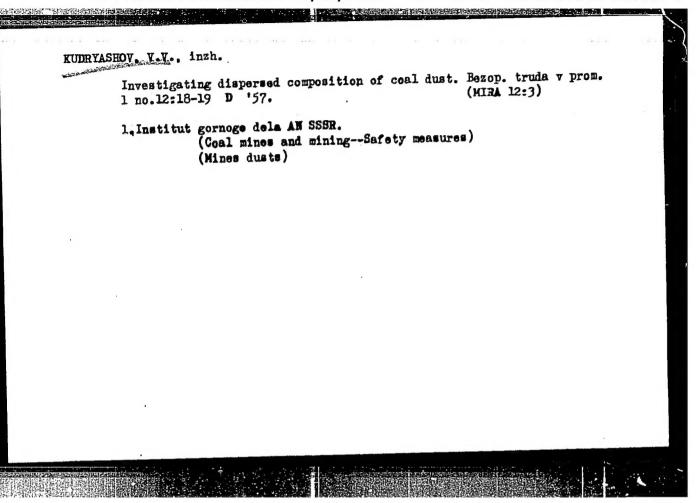
1. Institut gornogo dela imeni A.A.Skochinskogo AN SSSR. (Blasting) (Shaped charges)

61.

MARCHENKO, L.N., kand. tekim. nauk; KUDRYASHOV, V.S., inzh.

Methodological instructions for using borehole charges
separated by air spaces in open-pit workings. Varyv. delo
no.51/8:199-206 '65.

1. Institut gornogo dela imeni A.A. Skochinskogo.
(Blasting)



KUTRYASHOV, V. V.: Muster Tech Sci (diss) -- "Investigation of the dust aerosol of coal mines and an optical method of determining it quantitatively". Moscow, 1959. 17 pp (Acad Sci USSR, Inst of Mining), 150 copies (KL, No 15, 1959, 117)